



# HF Happenings

Volume 14, Issue 42

No 719

the week of 29 August 2016

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## Provisional Results of the SARL HF Digital Contest

The Contest Committee received six logs for the SARL HF Digital Contest held on Sunday 21 August 2016. Participants should remember that this is two contests in one – RTTY and PSK.

- 1<sup>st</sup> Mitchell Mynhardt, ZS6YH, 124 points
- 2<sup>nd</sup> Jan Botha, ZS4JAN, 102 points
- 3<sup>rd</sup> Theunis Potgieter, ZS2EC, and Paul Greeff, ZS6IO, 54 points
- 5<sup>th</sup> Pieter Jacobs, V51PJ, 34 points
- 6<sup>th</sup> Dennis Green, ZS4BS, 20 points

## Final Results of the SARL HF Phone Contest

The Contest Committee has received no object or other comments about the provisional results as published in HF Happening 718. The results of the SARL HF Phone contest are thus deemed as the final results.

## Final Results of the SARL YL Sprint

The Contest Committee has received no object or other comments about the provisional results as published in HF Happening 718. The results of the SARL YL Sprint are thus deemed as the final results.

## South African Radio League National Field Day

The aim is to work as many stations as possible on all the HF amateur bands (excluding the 30, 17 and 12 m WARC bands) and in doing so, to learn to operate in abnormal situations in less than optimal conditions. A premium is placed on developing skills to meet the challenges of emergency preparedness as well as to acquaint the public with the capabilities of Amateur Radio.

The second leg of the SARL National Field Day will be on the air from 10:00 UTC on Saturday 10 September to 10:00 UTC on Sunday 11 September 2016. Participants may use phone, CW and digital modes on the HF amateur bands, excluding 60, 30, 17 and 12 metres. Phone, CW and digital modes on a band are considered as separate bands. A station may be worked only once per band under this rule.

How can I participate?

Class A – Field Station, Multi operator. Such stations must be located in places that are not regular station locations and must comply with the requirements of a field station as defined in the general section of rules. A single licensee or trustee for the entry is responsible for the group entry. All equipment (including antennas) must lie within a circle whose diameter does not exceed 500 metres. All contacts must be made with transmitter(s) and receiver(s) operating independent of commercial mains power.

Class B – Field Station, Multi operator, QRP. All contacts must be made using an output power of 5 Watts or less. Other provisions are the same as Class A.

Class C – Field Station, Single Operator. Such stations must be located in places that are not regular station locations and must comply with the requirements of a field station as defined in the general section of rules. All equipment (including antennas) must lie within a circle whose diameter does not exceed 500 metres. All contacts must be made with transmitter(s) and receiver(s) operating independent of commercial mains power.

Class D – Field Station, Single Operator, QRP. All contacts must be made using an output power of 5 Watts or less. Other provisions are the same as Class C.

Class E – Ultra Light Portable. Light weight self contained stations, operating QRP or low power such as RaDAR, Summits on the Air, Parks on the Air (game and nature reserves), Islands on the Air, Heritage sites,



South African Radio League \* Suid-Afrikaanse Radioliga  
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etc. The operator must carry the entire station, antenna included, to the operating site. The distance carried must not be less than 1 km.

**Class F- General stations.** Stations operating from permanent or licensed station locations using commercial power.

To encourage more individuals and groups to participate in the National Field Day events, a 6-hour section has been introduced. It need not be for one continuous 6-hour period, but once operation has commenced in the contest, off periods must be a minimum of 60 minutes. The six-hour section is applicable to Class A, B, C, D, E and F.

Equipment for Field Stations may only be set up in the 24 hours prior to the starting time of the contest. This restriction applies to antennas, masts, towers and transmitting equipment, but excludes accommodation such as a caravan, tent, etc. Once a Field Station has been established at a site, it may not move to an alternative site after the contest starts, excluding Class E stations.

Only one call sign per station is permitted. In the case of multi-operator stations using more than one transmitter, all operators shall use the same call sign. The exchange is the number of transmitters, Field Day operating class and Provincial abbreviation, an RS(T) report is optional.

Scores are based on the total number of QSO points x the power multiplier x the number of provinces worked X the class multiplier.

QSO Points - each contact with a station from one of the South African provinces counts for five points. Each DX contact counts for one point.

Power multipliers - x 6: Power 5 watts or less; x 4: Power 50 watts or less; x 2: Power 100 watts or less; x 1: Power greater than 100 watts. The power multiplier for an entry is determined by the maximum output power used by any transmitter used to complete any contact during the event.

Provinces worked multiplier - A multiplier of one for each one of the 9 South African provinces worked (regardless of band) and one extra for working any station outside of the 9 provinces i.e. DX.

EC – The Eastern Cape; FS – The Free State; GP – Gauteng; KN – KwaZulu-Natal; LP – Limpopo; MP – Mpumalanga; NC – The Northern Cape; NW – North West; WC – The Western Cape; DX – Used for all others that does not fall in the above group

Class multiplier - General stations, class multiplier of 1 and Field stations single and multi, class multiplier of 3

#### Miscellaneous Rules

A person may not contact for QSO credit any station from which they also participate.

A transmitter/receiver/transceiver used to contact one or more Field Day stations may not subsequently be used under any other call sign to participate in Field Day.

Batteries may be charged while in use. The batteries must be charged from a power source other than commercial mains power.

All stations for a single entry must be operated under one call sign

## September

2 and 3 – Tekkiefes, Vereeniging

**3 – West Rand Flea Market**

**10 and 11 – SARL National Field Day**

10 – Old Mutual Mont-Aux-Sources Challenge, Royal Natal National Park; the Beast Challenge, Muldersdrift

**11 – SARL Youth Net**

**15 – October RAE closing date**

16 – World Ozone Day

16 to 18 – Darling Wildflower Festival

**17 and 18 – SARL VHF/UHF Contest; All Africa DX Contest**

22 - Spring Equinox

22 to 25 – Hermanus Flower Festival; National Sheepdog Trails, Dullstroom

23 to 25 - Gauteng Getaway Show

24 – National Braai Day and Heritage Day

**24 and 25 - CQ WW RTTY Contest;** Franschhoek Uncorked Festival

24 Sept to 2 Oct – Magoebaskloof and Haenertsburg Spring Festival

**26 – Closing date for October Radio ZS**

27 – World Tourism Day

29 Sept to 3 Oct – White Mountain Music Festival, Estcourt, Natal

29 Sept to 2 Oct – Madeliefie Makietie, Vredendal

30 – All schools close

30 Sept to 2 Oct – Hermanus Whale Festival

## October

**1 – Spring QRP Contest**

4 – World habitat Day

**6 – SARL 80 m QSO Party**

**8 and 9 – AWA Valve QSO Party**

**9 - SARL Youth Net**

6 to 9 - Superblast Rocking the Daisies Music and Lifestyle Festival, Darling

10 – All schools open

12 – Yom Kippur

**20 – Radio Amateur Examination;** National Marine Day

**21 to 23 – Jamboree on the Air**

**22 – CQ Hou Koers**

**29 and 30 – CQ WW DX SSB Contest**

There is no limitation to the number of transmitters or receivers that may be deployed. The use of more than one transmitter at the same time on a single band or mode is prohibited.

Logsheets, in ADIF, Cabrillo or MS Excel format and labelled "my call sign NFD," shall be sent by e-mail to [zs4bfn@mweb.co.za](mailto:zs4bfn@mweb.co.za) or by post to the South African Radio League National Field Day, Box 12104, Brandhof, 9324. The closing date for log submissions is 18 September 2016. A photo(s) of the station in operation (JPG format) MUST accompany every log entry – this is for Class A, B, C, D and E.

## African DX

Africa DX Net - every Saturday afternoon from 14:00 UTC on 14,260 MHz hosted by Mike, V51MA, Leon, A25SL, and Tinus, ZS6MHK.

Lesotho, 7P. Gordon, K7TRB, will be active as 7P8VA from Maseru between now and 5 November. Activity will be on 80 to 10 metres (possibly 6 m) using SSB and the digital modes. QSL via his home call sign, direct, by the Bureau and possibly LoTW (he has not yet decided).

Rwanda, 9X. Jim, KB1ZSQ, is now active as 9X0JW from Kigali until 30 December 2017. Activity is limited to various times on 80 to 10 metres and using SSB and the digital modes. "The Daily DX" reports that he likes running QRP (5 w), but he does have 100 watts. He is currently designing a QSL card, but does provide an eQSL, so QSL via eQSL.

Djibouti, J28. Jean-Philippe, F1TMY, will be active as J28PJ from Djibouti starting 1 September and he will be there for at least 3 years (possibly 5 years). Activity will be on 160 to 6 metres using an Inverted L for 160 m, Spiderbeam 5 bands Yagi, 5-element Tonna 50 MHz Yagi, G5RV and an ATAS-120 for mobile uses signing J28PJ/MM. QSL via F1TMY.

Tanzania, 5H. Sergei, R4WAA, and Yan, RZ3FW, will be active as 5H1WW from Unguja, Zanzibar Island (AF-032), between 19 and 28 November. Activity will be holiday style on 160 to 10 metres using CW, SSB, RTTY and other digital modes. They also plan to be an entry in the CQ WW DX CW Contest (26 and 27 November) as a Multi-Single/Low-Power entry. QSL via RZ3FW or ClubLog's OQRS.

## African Islands

### IOTA frequencies

CW: 28 040 24 920 21 040 18 098 14 040 10 114 7 030 3 530 kHz

SSB: 28 560 28 460 24 950 21 260 18 128 14 260 7 055 3 760 kHz



Madeira Islands, CR3/CT9. Dieter, DK4QT, Thomas, DL6TK, Kalle, DM3BJ, and possibly others will be active as CT9/home call from Santana, Madeira Island (AF-014) between 19 and 28 September. Activity will be on 80 to 10 metres using CW, SSB and RTTY. They plan to be an entry in the CQ WW DX RTTY Contest (24 and 25 September) signing CR3W. QSL CR3W via DL5AXX. QSL all others via their home call signs.

Gorée Island, 6W. Jul, 6W1QL, states that the 2016 Gorée Island (AF-045) expedition by the members of ARAS (Association des Radio-Amateurs du Senegal), will once again be active as 6V1A between 16 and 18 December. No other details were provided.

## Contest Calendar

This week's contests as compiled by Bruce Horn, WA7BNM. The period covered is 29 August to 5 September 2016

Phone Fray  
02:30 - 03:00 UTC 31 August  
Mode: SSB  
Bands: 160, 80, 40, 20, 15 m  
Classes: Single Op  
Max power: 100 watts

Exchange: NA: Name and state, province or country; non-NA: Name  
Work stations: Once per band  
QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station

Multipliers: Each US state (including KH6/KL7) once per band; Each VE province/territory once per band; Each North American country (except W/VE) once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 03:00 UTC 2 September 2016

E-mail logs to: (none)

Post log summary at: <http://www.3830scores.com>

Mail logs to: (none)

Find rules at:

[http://www.perluma.com/Phone Fray Contest Rules.pdf](http://www.perluma.com/Phone_Fray_Contest_Rules.pdf)

CWops Mini-CWT Test

13:00 - 14:00 UTC and 19:00 - 20:00 UTC 31 August and 03:00 - 04:00 UTC 1 September

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op - QRP, low or high

Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts

Exchange: Member: Name and member no; non-

Member: Name and state, province or country

Work stations: Once per band

QSO Points: 1 point per QSO

Multipliers: Each call once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 04:00 UTC 3 September 2016

Post log summary at: <http://www.3830scores.com>

Mail logs to: (none)

Find rules at: <http://www.cwops.org/cwt.html>

NRAU 10 m Activity Contest

17:00 - 18:00 UTC (CW) and 18:00 - 19:00 UTC (SSB) and 19:00 - 20:00 UTC (FM) and 20:00 - 21:00 UTC (Dig) 1 September

Mode: CW, SSB, FM, Digital

Bands: 10 m Only

Classes: (none)

Exchange: RS(T) and 6-character grid square

QSO Points: (see rules)

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 15 September 2016

Upload log at:

[http://ua9qcq.com/en/submit\\_log.php?lang=en](http://ua9qcq.com/en/submit_log.php?lang=en)

Mail logs to: (none)

Find rules at: <http://www.nrau.net/activity-contests/below-30mhz.html>

QRP Fox Hunt

01:00 - 02:30 UTC 2 September

Mode: CW

Bands: 20 m Only

Classes: Single Op - fox or hound

Max power: 5 watts

Exchange: RST, state, province or country, name and power output

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 02:30 UTC 3 September 2016

E-mail logs to: (see rules)

Mail logs to: (none)

Find rules at:

[http://www.grpfoxhunt.org/summer\\_rules.htm](http://www.grpfoxhunt.org/summer_rules.htm)

NCCC RTTY Sprint

01:45 UTC-02:15 UTC 2 September

Mode: RTTY

Bands: (see rules)

Classes: (none)

Exchange: Serial no, name and QTH

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 4 September 2016

E-mail logs to: (none)

Post log summary at: <http://www.3830scores.com/>

Mail logs to: (none)

Find rules at:

<http://www.ncccsprint.com/rtty.html>

NCCC Sprint

02:30 - 03:00 UTC 2 September

Mode: CW

Bands: (see rules)

Classes: (none)

Exchange: Serial no, name and QTH

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 4 September 2016

E-mail logs to: (none)

Post log summary at: <http://www.3830scores.com/>

Mail logs to: (none)

Find rules at:

<http://www.ncccsprint.com/rules.html>

G3ZQS Memorial Straight Key Contest: 2300Z 2

September to 2300Z 4 September

Mode: CW

Bands: 80, 40, 20, 15, 10 m

Classes: QRO; QRP; Club

Exchange: FISTS: RST, state, province or country, name and FISTS no; non-FISTS: RST, state, province

or country, name and power

Work stations: Once per band

QSO Points: 2 points per QSO with non-member; 5 points per QSO with FISTS member

Multipliers: Each state, province or DXCC country once only

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 4 October 2016

E-mail logs to: [g3zqslogs@fistsna.org](mailto:g3zqslogs@fistsna.org)

Mail logs to: Karl Zuk, N2KZ, 15 Flintlock Ridge Rd, Katonah, NY 10536, USA

Find rules at:

<http://www.fistsna.org/operating.html>

CWOps CW Open

00:00 - 03:59 UTC and 12:00 - 15:59 UTC 3 September and 20:00 - 23:59 UTC 3 September

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op - QRP, low or high

Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts

Exchange: Serial no and name

Work stations: Once per band per time segment

QSO Points: 1 point per QSO

Multipliers: Each call once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 17 September 2016

E-mail logs to: (none)

Upload log at: <http://www.b4h.net/cwops/>

Mail logs to: (none)

Find rules at: <http://www.cwops.org/cwopen.html>

All Asian DX Phone Contest

00:00 UTC 3 September to 24:00 UTC 4 September

Mode:

Phone

Bands:

80, 40, 20, 15, 10 m

Classes: Asian Single Op Single Band - high or low;

Non-Asian Single Op Single Band - high; JA Single

Op All Band - high, low, junior or sliver; Asian Single

Op All Band - high or low; Non-Asian Single Op All

Band - high; Multi-Single; Multi-Multi

Max power: HP: >100 watts; LP: 100 watts

Exchange: RS and 2-digit age

Work stations: Once per band

QSO Points: (see rules)

Multipliers: Asian Stations: DXCC entities once per band; non-Asian Stations: Asian prefixes once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 5 October 2016

E-mail logs to: [aaph@jarl.org](mailto:aaph@jarl.org)

Web-to-Cabrillo form:

[http://www.b4h.net/cabforms/aadxsb\\_cab3.php](http://www.b4h.net/cabforms/aadxsb_cab3.php)

Mail logs to: JARL, All Asian DX Contest, Phone, 170-8073, Japan

Find rules at:

[https://www.jarl.org/English/4\\_Library/A-4-3\\_Contests/2016AA\\_rule.htm](https://www.jarl.org/English/4_Library/A-4-3_Contests/2016AA_rule.htm)

Russian RTTY WW Contest

00:00 - 23:59 UTC 3 September

Mode: RTTY

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op All Band; Single Op Single Band; Multi-Single; SWL

Exchange: RU: RST and 2-letter oblast; non-RU: RST and CQ Zone

Work stations: Once per band

QSO Points: 5 points per QSO with same continent;

10 points per QSO with different continent

Multipliers: Each RU Oblast once per band; Each

DXCC country once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 18 September 2016

E-mail logs to: [contest@radio.ru](mailto:contest@radio.ru)

Mail logs to: (none)

Find rules at: <http://www.qrz.ru/contest/detail/93>

Wake-Up! QRP Sprint

06:00 - 06:29 UTC, 06:30 - 06:59 UTC, 07:00 -

07:29 UTC and 07:30 - 08:00 UTC 3 September

Mode: CW

Bands: 40, 20 m

Classes: (none)

Max power: 5 watts

Exchange: RST, serial no and suffix of previous QSO ("QRP" for 1st QSO)

Work stations: Once per band per period

QSO Points: 1 point per km

Multipliers: 1 point per new station worked on each band

Score Calculation: Total score = total QSO points x total multiplier points

Submit logs by: 10 September 2016

E-mail logs to: [ru-grp-club@mail.ru](mailto:ru-grp-club@mail.ru)

Mail logs to: (none)

Find rules at: <http://grp.ru/contest/wakeup/333-wakeup-eng>

AGCW Straight Key Party

13:00 - 16:00 UTC 3 September

Mode: CW

Bands: 40 m Only

Classes: 5 W (A); 50 W (B); 150 W (C); SWL (D)

Exchange: AGCW: RST, serial no, "/", class, "/", name, "/" and age

QSO Points: 9 points per A-A QSO; 7 points per A-B QSO; 5 points per A-C QSO; 4 points per B-B QSO; 3 points per B-C QSO; 2 points per C-C QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 30 September 2016

E-mail logs to: [htp@agcw.de](mailto:htp@agcw.de)

Mail logs to: Friedrich W. Fabri, DF1OY, Birnheck 2, D-65779 Kelkheim, Germany



Find rules at:

<http://www.agcw.org/index.php/en/contests-and-cw-activities/straight-key-party-htp>

#### Colorado QSO Party

13:00 UTC 3 September to 04:00 UTC 4 September

Mode: CW, Phone, Digital

Bands: 160, 80, 40, 20, 15, 10, VHF/UHF

Classes: Single Op - CW, phone, digital or mixed-QRP, low or high; Multi-Single - CW, phone, digital or mixed-QRP, low or high; Mobile Single Op - CW, phone, digital or mixed - QRP or low; Mobile Multi-Op - CW, phone, digital or mixed - QRP or low; Portable Single Op - CW, phone, digital or mixed - QRP or low; Portable Multi-Op - CW, phone, digital or mixed - QRP or low; School - CW, phone, digital or mixed-QRP, low or high

Max power: HP: >150 watts; LP: 150 watts; QRP: 5 watts

Exchange: CO: Name and county; W/VE: Name and state or province; DX: Name and DXCC prefix

Work stations: Once per band per mode per CO county

QSO Points: 1 point per phone QSO; 2 points per CW/digital QSO

Double QSO points for countries outside of W/VE

Multipliers: CO Stations: Each CO county, state, VE province, DXCC country, maritime region once per mode; Non-CO: Each county once per mode

Power: (see rules)

Score Calculation: (see rules)

Submit logs by: 1 October 2016

E-mail logs to: [cogplogs@ppraa.org](mailto:cogplogs@ppraa.org)

Mail logs to: Colorado QSO Party, PO Box 16521, Colorado Springs, CO 80935-6521, USA

Find rules at: <http://ppraa.org/coqp>

#### IARU Region 1 SSB Field Day

13:00 UTC 3 September to 12:59 UTC 4 September

Mode: SSB

Bands: 160, 80, 40, 20, 15, 10 m

Classes: (see your national society rules)

Exchange: RST and serial no

Submit logs by: 30 September 2016

E-mail logs to: (see your national society rules)

Mail logs to: Your national society

Find rules at: Your national society web site

#### RSGB SSB Field Day

13:00 UTC 3 September to 13:00 UTC 4 September

Mode: SSB

Bands: 80, 40, 20, 15, 10 m

Classes: Open; Restricted

Max power: Open: Full; Restricted: 100 watts

Exchange: RS and serial no

QSO Points: 2 points per QSO with fixed IARU Region 1 stations; 3 points per QSO with fixed non-

Region 1 stations; 5 points per QSO with portable/mobile IARU Region 1 stations

Multipliers: Each DXCC country per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 11 September

Upload log at: <http://www.rsgbcc.org/cgi-bin/hfenter.pl>

Mail logs to: (none)

Find rules at:

<http://www.rsgbcc.org/hf/rules/2016/rssbfd.shtml>

#### PODXS 070 Club Jay Hudak Memorial 80 m Sprint

20:00 UTC 3 September to 20:00 UTC 4 September

Mode: PSK31

Bands: 80 m Only

Classes: QRP; Low Power; Medium Power; High Power

Max operating hours: 6

Max power: High: 100 watts; Medium: 50 watts;

Low: 20 watts; QRP: 5 watts

Exchange: RST and state, province or country

QSO Points: 1 point/QSO

Multipliers: Each state, province and DXCC country once only

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 17 September 2016

Upload log at: <http://hamclubs.info/scorer>

Mail logs to: (none)

Find rules at: [http://www.podxs070.com/o7o-club-sponsored-contests/jay-hudak-memorial-80 m-sprint](http://www.podxs070.com/o7o-club-sponsored-contests/jay-hudak-memorial-80-m-sprint)

#### DARC 10-Metre Digital Contest

11:00 UTC - 17:00 UTC 4 September

Mode: RTTY, Amtor, Clover, PSK31, Pactor

Bands: 10 m Only

Classes: Single Op; SWL

Exchange: RST and serial no

QSO Points: 1 point per QSO

Multipliers: Each WAE/DCXX area; Each W/VE call area

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 19 September 2016

E-mail logs to: [do1npf@darc.de](mailto:do1npf@darc.de)

Mail logs to: Peter Frank, DO1NPF, Postfach 11 19, 90515 Altdorf, Germany

Find rules at: <http://www.darc.de/referate/ukw-funksport/corona/teilnahmebedingungen/>

#### Tennessee QSO Party

18:00 UTC 4 September to 03:00 UTC 5 September

Mode: CW, Phone, Digital

Bands: 160, 80, 40, 20, 15, 10, VHF/UHF

Classes: Fixed - single op or multi op - CW, phone, digital or mixed- QRP, low or high; Mobile - single op or multi op - CW, phone, digital or mixed- QRP, low or high  
 Max power: HP: >150 watts; LP: 150 watts; QRP: 5 watts  
 Exchange: TN: RS(T) and county; non-TN: RS(T) and state, province or country  
 Work stations: Once per band per mode  
 QSO Points: 3 points per QSO (see rules for bonus QSO points)  
 Multipliers: TN: TN counties, states, provinces, DXCC countries once per band; non-TN: TN counties once per band  
 Score Calculation: Total score = (total QSO points x total mults) and bonus points  
 Submit logs by: 5 October 2016  
 E-mail logs to: [logs@tnqp.org](mailto:logs@tnqp.org)  
 Mail logs to: Tennessee QSO Party, c/o Doug Smith, W9WI, 1389 Old Clarksville Pike, Pleasant View, TN 37146-8098, USA  
 Find rules at: <http://tnqp.org/rules/>

MI QRP Labour Day CW Sprint  
 23:00 UTC 5 September to 03:00 UTC 6 September  
 Mode: CW  
 Bands: 160, 80, 40, 20, 15, 10, 6 m  
 Classes: (none)  
 Max power: 5 Watts  
 Exchange: RST, state, province or country and member no or power output  
 Work stations: Once per band

QSO Points: 5 points per QSO with members; 2 points per QSO with non-member W/VE stations; 4 points per QSO with non-member DX stations  
 Multipliers: Each state, province or country, once per band; Bonus: multiply total points by 1,25 if xmtr or receiver is homebrew; Bonus: multiply total points by 1,5 if both xmtr and receiver are homebrew  
 Score Calculation: Total score = bonus multiplier x total QSO points x total mults  
 Submit logs by: 19 September 2016  
 E-mail logs to: [n8xx@arrl.org](mailto:n8xx@arrl.org)  
 Mail logs to: Hank Greeb, N8XX, 5727 11 Mile Rd NE, Rockford, MI 49341, USA  
 Find rules at: <http://www.qsl.net/migrpclub/contest.html>

ARS Spartan Sprint  
 01:00 - 03:00 UTC 6 September  
 Mode: CW  
 Bands: 80, 40, 20, 15, 10 m  
 Classes: Skinny; Tubby  
 Max power: 5 watts  
 Exchange: RST, state, province or country and power  
 Work stations: Once per band  
 Submit logs by: 8 September 2016  
 E-mail logs to: [spartansprint@yahoo.com](mailto:spartansprint@yahoo.com)  
 Mail logs to: (none)  
 Find rules at: <http://arsgrp.blogspot.com/2009/02/so-whats-spartan-sprint-and-how-do-i.html>

## Next Week's Contests

MI QRP Labour Day CW Sprint, 23:00 UTC 5 September to 03:00 UTC 6 September  
 ARS Spartan Sprint, 01:00 - 03:00 UTC 6 September  
 Phone Fray, 02:30 - 03:00 UTC 7 September  
 CWops Mini-CWT Test, 13:00 - 14:00 UTC 19:00 - 20:00 UTC 7 September and 03:00 - 04:00 UTC 8 September  
 UKEICC 80 m Contest, 20:00 - 21:00 UTC 7 September  
 NCCC RTTY Sprint, 01:45 - 02:15 UTC 9 September  
 NCCC Sprint, 02:30 - 03:00 UTC 9 September  
 FOC QSO Party, 00:00 - 23:59 UTC 10 September  
 WAE DX Contest, SSB, 00:00 UTC 10 September to 23:59 UTC 11 September  
 Kulikovo Polye Contest, 00:00 - 23:59 UTC 10 September  
 SARL Field Day Contest, 10:00 UTC 10 September to 10:00 UTC 11 September  
 SKCC Weekend Sprintathon, 12:00 UTC 10 September to 24:00 UTC 11 September  
 Russian Cup Digital Contest, 15:00 - 18:59 UTC 10 September and 06:00 - 09:59 UTC 11 September  
 Ohio State Parks on the Air, 16:00 UTC-24:00 UTC 10 September  
 North American Sprint, CW, 00:00 - 04:00 UTC 11 September  
 Classic Exchange, CW, 13:00 UTC 11 September to 08:00 UTC 12 September and 13:00 UTC 13 September to 08:00 UTC 14 September

## Abbreviations

AAA - All Africa Award  
 ADL - Austrian District Locator

ANZAC - Australian and New Zealand Army Corps  
 AOTA - Airfields on the Air

ARLHS - Amateur Radio Lighthouse Society  
BOTA – Beaches on the Air  
CSHOTA – Castles and Stately Homes on the Air  
DDFM - Diplome des Departements Francais de la Metropole  
ILLW – International Lighthouse and Lightship Weekend  
IMW – International Museum Weekend  
IOTA - Islands on the Air  
JOTA – Jamboree on the Air  
JOTI – Jamboree on the Internet  
LoTW - Logbook of the World  
MOTA – Mills on the Air  
NPOTA – National Parks on the Air  
OQRS - Online QSL Request System  
RDA - Russian District Award  
ROTA – Railways on the Air

RSGB – Radio Society of Great Britain  
SAGHOTA – Sheds, Allotments and Green Houses on the Air  
SOTA – Summits on the Air  
WAB - Worked All Britain  
WAC – Worked all Continents  
WANTV – Worked all the Neighbours TVs  
WAZS – Worked all ZS  
WCA - World Castles Award  
WIA - Wireless Institute of Australia  
WLOTA - World Lighthouse on the Air Award  
WOTA – Wainwrights on the Air  
WRTC - World Radiosport Team Championship  
WWFF – World Wide Fauna and Flora  
YOTA – Youngsters on the Air  
ZS WAGS - Worked all South African Grid Squares

## VHF Happenings

### Great Opening on 144 MHz to Reunion Island

John, ZS2AH, at East London heard the FR5DN beacon in the late afternoon on Monday 29 August on 144,418 MHz JT65b first period. Later that evening around 19:00 CAT, Hugo, ZS5HV, worked Phil, FR5DN, on JT65b, SSB and FM. Not bad for someone who only came on the air a year ago! Lee, ZS5LEE, joined him on digital and who recorded signal strength up to -17 dB. They copied the beacon signal throughout the night that peaked at 03:00 CAT. At 05:40 CAT, Andre, ZS2ACP, at Port Elizabeth hooked up with Phil, FR5DN, on JT65b and ten minutes later both Hugo and Lee worked Phil again on SSB with 5/7 reports both ways. John, ZS2AH, said that he could still hear the beacon at 09:00 CAT, but he, Peter, ZS2ABF, and Hennie, ZS2HC, who are all three from East London, had to wait until Tuesday evening before they could work Phil on SSB. Peter could copy Phil at S9+ and then worked him on FM too, while John's 25 Watts only registered S5 in Reunion Island. Hennie made his first-ever DX contact on VHF. Congratulations to you.

### The TEP Season opens in September until November

The Trans-Equatorial Propagation season starts in September and lasts until November 2016. TEP produces very strong DX signals on 50 MHz (6 metres) SSB from Divisions 3, 4, 5 and 6 into Europe up to a distance of 9 800 km. DX contacts are also possible on 70 MHz (4 metres) and 144 MHz (2 metres), whereas the one and only contact was recorded on 432 MHz (70 cm) in 1979 by Gerhardt Schlorf, ZS3B, in Luderitz with I4EAT over a distance of 7 784 km. For more info on propagation download the colour chart that covers the VHF, UHF and SHF spectrum that was printed on the front cover of the September/October 2013 edition of Radio ZS.

### This Week's Contest

WAB 144 MHz QRO Phone

10:00 - 14:00 UTC 4 September

Mode: SSB

Bands: 2 m Only

Classes: Single Op - fixed, mobile or portable; Multi-Op - fixed, mobile or portable; SWL - fixed, mobile or portable

Exchange: British Isles: RS, serial no and WAB square; Other: RS, serial no and country

QSO Points: (see rules)

Multipliers: (see rules)

Score Calculation: Total score = total QSO points x total mults



Submit logs by: 25 September 2016

E-mail logs to: [aebbooks@ntlworld.com](mailto:aebbooks@ntlworld.com)

Mail logs to: Tony Beardsley, G3XKT, 14 York Avenue, Sandiacre, Nottingham NG10 5HB, United Kingdom

Find rules at: <http://wab.intermip.net/Contest%20Rules.php#OtherRules>

## Next Week's Contests

ARRL September VHF Contest, 18:00 UTC 10 September to 03:00 UTC 12 September

Items used with acknowledgement to the ARRL Letter, the ARRL DX News, the ARRL Contest Update, OPDX Bulletin, 425 DX Bulletin, DXNL Newsletter, WIA-News, the RSGB News, DxCoffee, Southgate ARC News, DX World and the Amateur Radio Newsletter